**3GPP TSG-RAN WG2 Meeting #127R2-240xxxx**

**Maastricht, Netherlands, 19-23 August 2024**

**Agenda item:** 7.2.1

**Source:** CATT

**Title:** [AT127][402][POS] Rel-18 LPP rapporteur CR merge (CATT)

**Document for:** Discussion and Agreement

# 1 Introduction

This is to kick off the email discussion.

* [AT127][402][POS] Rel-18 LPP rapporteur CR merge (CATT)

 Scope: Merge agreements of this meeting into the CR in R[2-2406950](file:///E%3A%5CWORK%5C1%203GPP%5CMeeting%5CRAN2%20127-Maastricht%5C2%20During%5CDocs%5CR2-2406950.zip).

 Intended outcome: Agreeable CR in R2-2407720

 Deadline: Wednesday 2024-08-21 1900 CET

# 2 Discussion

Please provide your comments on the updates in the following table.

|  |  |  |
| --- | --- | --- |
| **Company** | **Clause No.** | **Comments** |
| Qualcomm | *NR-IntegrityRiskParameters* | The proposed text is unclear/incomplete:***nr-MeanTRP-FaultDuration***This field specifies the Mean TRP Fault Duration which is the mean duration between when the occurrence of a TRP fault and the user being alerted by IE *NR-IntegrityServiceAlert* (or when the integrity violation is concluded).Scale factor 1 s; range 1-3600 s.The existing description seems correct and should be kept (compare with e.g., *meanSatFaultDuration*). |
|  | *NR-On-Demand-DL-PRS-Configurations* | ***dl-prs-configuration-id***This field identifies an *On-Demand-DL-PRS-Configuration* On-demand DL-PRS Configuration information*.*This is duplicated and can be deleted.Or alternatively:This field identifies an On-demand DL-PRS Configuration information*.* |
| Ericsson | *NR-DL-PRS-AssistanceData* | OK with the poposed change of *nr-DL-PRS-AggregationInfo* field description |
|  | *NR-DL-PRS-BeamInfo* | OK |
|  | *NR-DL-PRS-ProcessingCapability* | OK |
|  | *NR-IntegrityRiskParameters* | Agree with Qualcomm – the current text is fine as is and also aligned with the GNSS fault duration texts. |
|  | *NR-On-Demand-DL-PRS-Configurations* | In favour of the shorter alternative suggested by Qualcomm.  |
|  | *NR-TRP-LocationInfo* | OK |
|  |  | The below should be added:[R2-2407226](file:///C%3A%5CUsers%5Cmtk16923%5CDocuments%5C3GPP%20Meetings%5C202408%20-%20RAN2_127%2C%20Maastricht%5CExtracts%5CR2-2407226.docx) Corrections related to additional path reporting and QCL for positioning Ericsson CR Rel-18 37.355 18.2.0 0514 - A NR\_pos\_enh-Core* Changes related to dl-PRS-QCL-Info to be captured in Rel-18 rapporteur CR
* This CR is not pursued

Discussion:ZTE think the additional path change is not correct, because the additional path is calculated on the same resource. CATT agree with ZTE; they understand that the additional measurements can relate to a different resource, but not the additional path.Qualcomm also agree and think the CR mixes two different issues: the additional path and the resources for the additional measurements. They think the additional path is already clearly specified, and which resources to measure is specified in the additional measurements.vivo share Qualcomm’s view, but for the second change about the QCL they think it helps to clarify. Qualcomm agree the QCT change is correct, but they see it as editorial and think it could be captured in the Rel-18 rapporteur CR.Agreement:Changes related to dl-PRS-QCL-Info from R2-2407226 will be captured in Rel-18 37.355 rapporteur CR. |
| Nokia | *NR-On-Demand-DL-PRS-Configurations* | ***dl-prs-configuration-id***The changes to this field description as shown in R2-2407253 should be implemented because *On-Demand-DL-PRS-Configuration* is non-existent field or IE. This is also mentioned as an alternate text in Qualcomm’s comment above. |

# 3 Conclusion

Based on feedback by companies, the following is proposed:

**TBD**

# 4 References